

Featured Presentations & Workshops

Friday September 15, 2023

10:00 am Smudging Ceremony

Donna Chief, Wabigoon Lake Ojibway Nation
(Exhibitor Floor)

11:00 am Welcoming Remarks and Acknowledgement of the Lands, Interim Mayor Baigrie (Exhibitor Floor)

1:00 pm Environmental Baseline Monitoring and Change Assessment Programs (Michelle Nearing, NWMO)

An overview of the Nuclear Waste Management Organization's baseline environmental monitoring programs and associated environmental change assessment programs. The presentation will go over data that has been produced from these environmental programs to date and provide an overview of the future work planned in the Wabigoon Lake Ojibway Nation-Ignace area. There will also be a short workshop where we will be seeking feedback from local residents on the initial results of our environmental program. (Presentation Hall)

4:00 pm Integrated Strategy for Radioactive Waste (Sara Dolatshahi, NWMO)

The Strategy submitted to the Minister of Natural Resources on June 30, 2023 for consideration, recommends approaches to address the gaps in waste disposal planning for all of Canada's radioactive waste from electricity generation and the production of medical isotopes. Learn about the strategy and the recommendations for long-term disposal plans. (Presentation Hall)

4:00 pm Introduction to Electricity (Science North)

Learn about electricity and how we use it in our everyday lives. The culminating activity for this workshop will be to create a "squishy" circuit using LED lights and Play-Doh. (Kids Energy Zone)

6:00 pm Nuclear Sustainability Services Radioactive Material Transportation

(Colin Crawford, Ontario Power Generation)

OPG's Nuclear Sustainability Services division has the overall accountability for the transportation of used nuclear material, and they safely transport radioactive materials and equipment over public and private roads and highways. Join us to learn about the safe transportation of used nuclear fuel. (Presentation Hall)

6:00 pm Advanced Circuit Building (Science North)

Learn about the difference between series and parallel circuits using snap circuits provided by Science North. The workshop will highlight practical applications for each type of circuit and shine a light on careers involving electricity. (Kids Energy Zone)

Saturday September 16, 2023

10:00 am Pinawa: Research to Small Modular Reactors (David B Dabney, StarCore Nuclear and Mayor Blair Skinner, Local Government District of Pinawa)

Hear about Pinawa's experience with nuclear research, and their journey to becoming the first demonstration site for new nuclear technology a High Temperature Gas Reactor (Generation IV), Small Modular Reactor designed for off-grid communities and remote mining operations to provide affordable power and inherently safe clean energy (green energy), with a range of other basic benefits to enhance overall quality of life. At no cost to the consumer, the StarCore SMR is secured with a long term power supply contract to the customers. StarCore assumes full life cycle management, and will design, build, own, operate and decommission the operations. (Presentation Hall)

11:00 am Introduction to Electricity (Science North)

Learn about electricity and how we use it in our everyday lives. The culminating activity for this workshop will be to create a "squishy" circuit using LED lights and Play-Doh. (Kids Energy Zone)

1:00 pm The Power of Story: How science fiction has influenced the stories we tell about technology.

(Prof. Jason Donev)

Stories help people process the complex world. These stories have a profound influence on the way we see our world. Science fiction stories explore the technical aspects of our world and what those technical aspects mean for us as people. Science fiction has been an important part of how we process science and shapes how we view science. (Presentation Hall)

2:00 pm The Corporation of the Township of Ignace: Willingness Journey (WCI Consulting)

The consultants hired for willingness will explain the process of engagement and answering questions, as well as collecting information on how they can modify their process to fit the dynamics of the community. (Presentation Hall)

2:00 pm Advanced Circuit Building (Science North)

Learn about the difference between series and parallel circuits using snap circuits provided by Science North. The workshop will highlight practical applications for each type of circuit and shine a light on careers involving electricity. (Kids Energy Zone)

Youth are invited to explore and grow with STEM, crafts, games and activities in the Kids Energy Zone. (Hosted by Science North, Nuclear Waste Management Organization, and the Township of Ignace)

Exhibition Hall will be open

Friday September 15, 2023 from 10:00 am to 8:00 pm and Saturday September 16, 2023 from 9:00 am to 4:00 pm. Please note the presentation schedule is subject to change.



Township of Ignace Northwest Nuclear Exploration Event

Join us for an exhibition event to explore and learn about nuclear.

IGNACE RECREATION CENTRE

200 Beaver Street
Ignace ON P0T 1T0

September 15, 2023
10:00 am to 8:00 pm

September 16, 2023
9:00 am to 4:00 pm

The Wabigoon Lake Ojibway Nation-Ignace area in Northwestern Ontario is one of two potential host areas for a deep geological repository, that would isolate, and store Canada's used nuclear fuel for the very long term.

The Township of Ignace is inviting communities to learn more about the nuclear industry and the deep geological repository project near the Revell. Please plan to attend the event and learn more about nuclear topics like nuclear energy, safety, regulations and oversight, the environment, international experiences, project economics, Indigenous Knowledge and more.

Exhibitors

Impact Assessment Agency of Canada

Ontario Power Generation (OPG)

- Nuclear Sustainability Services, including Decommissioning
- Nuclear Sustainability Services Radioactive Material Transportation

Canadian Nuclear Safety Commission (CNSC)

Local Government District of Pinawa & StarCore Nuclear

Contact North

Crossroads Employment and Training Centre

Toronto Zoo

Ontario Research Fund

- University of Waterloo
- York University
- Western University

Nuclear Waste Management Organization

- Regulatory Decision Making: Impact Assessment and Licensing
- Used Fuel Packaging Plant
- Surface and Underground Facilities
- Used Fuel Transportation and Engineering Package & Design
- Engineered Barrier System, Corrosion and Microbiology
- Geoscience & Safety Assessment
- Environmental Baseline Monitoring
- Socio-Economic Studies

Integrated Strategy for Radioactive Waste (ISRW)

Willingness - Ignace Community Nuclear Liaison Committee

The Corporation of the Township of Ignace

Prof. Jason Donev, University of Calgary

KGS

Science North and more.....

CANTEEN HOSTED BY IGNACE SCHOOL
GRADE 7&8 TORONTO TRIP

EXHIBITOR HALL

PRESENTATION HALL

KIDS ENERGY ZONE

VIRTUAL REALITY TOURS OF ONKALO
NUCLEAR WASTE DISPOSAL FACILITY,
OLKILUOTO, FINLAND

CONVERSATION AREAS

PHOTO SCAVENGER HUNT

MOBILE LEARN MORE CENTRE

AND MORE...

Please visit the Township of Ignace's website for updates and more details

<http://www.ignace.ca/northwest-nuclear-exploration-event>



For more information, please contact:

Keith Roseborough, Community Development Strategist at cds@ignace.ca or
Chantelle Gascon, Community Liaison Manager at cgascon@nwmo.ca